

Utility Patent Application of

FAUSTO BATISTA

For

**TITLE: THREE-SET KEY ORGANIZER**

**PREAMBLE**

**FAUSTO BATISTA, THREE-SET KEY ORGANIZER.**

The three-set key organizer allows the user to organize his or hers home, work and car keys and access them in a quick and efficient manner.

**DESCRIPTION OF THE DRAWINGS**

PAGE 1 in fig. 1A and 1B, numerals #1,2,3, left, middle and right, removable key holders, made of stone grey thermoplastic polyurethane (TPU). Each key holder has two oval shape notches, as shown in page 2 fig. 2A and 2B numeral #7, one facing the front and the other parallel facing the back align with the appropriate slot on the rigid plastic lip made of thermoplastic polyurethane (TPU). Each notch is made to be flexible, and able to bend inward when attaching the key holder to the rigid lip, of the sheath or key housing. By pressing the two notches simultaneous inward, the key holder is able to detach from the rigid lip of the sheath or key housing. Each key holder has one shank made of stainless steel metal, page 2 fig. 2B, numeral #9 where the bow of the key rests. Each shank comes with a screw on cap nut, made of stainless steel metal, page 2 fig. 2B numeral #8. The cap nut purpose is to prevent keys from falling out of the shank. Page 1 fig 1B numeral #4 rigid plastic lip, made of thermoplastic polyurethane (TPU), contains six slots for the key holders, three on the front and three parallel on the back. Page 6 fig. 6A also show the align slots on the rigid plastic lip. This rigid lip also is the main frame that attach to the pouch that made of jacquard fabric. Page 1 fig. 1A and 1B, numeral #5 sheath, key housing, a pouch, made of jacquard fabric, attached to the upper lip, made to covers all keys. Page 1 fig. 1B numeral #6 slots: six narrow groove, three on the front and three on

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the back of the rigid plastic lip as also shown in page 6 fig. 6A, is the locking method use for each key holders, which has a oval shape notch, flexible when bend inward, that fits in place of each narrow groove on the rigid plastic lip as show in page 2 fig. 2B numeral #7. Page 2 fig. 2A and 2B numeral #7 oval shape notches, two on each key holder, one facing the front and the other parallel facing the back align with the appropriate slot on the rigid plastic lip, made of thermoplastic polyurethane (TPU). Each notch is made to be flexible, and able to bend inward when attaching or detaching the key holder to the rigid lip's slots, of the sheath or key housing. Page 2 fig. 2B numeral #8 cap nut, made of stainless steel metal, screw on to the shank part of each key holder, to prevent any key from falling out of each holder. Page 2 fig. 2B numeral #9 shank; made of stainless stain metal, where the bow of the key rests.

**REFERENCE NUMERALS**

- #1 left key holder
- #2 middle key holder
- #3 right key holder
- #4 rigid plastic lip
- #5 sheath, key housing
- #6 slot
- #7 notch
- #8 cap nut
- #9 shank

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DRAWINGS

Page 1, three views of the three-set key organizer, fig. 1A side view of the three-set key organizer, fig. 1B front view of the three-set key organizer, with all part in numerals. Fig. 1C a three dimensional view of the three-set key organizer with the left key holder raise up with key display on the shank part of the holder illustrating how the keys are store in the organizer.

Page 2, four views of the left key holder, fig. 2A side view, fig. 2B front view, fig. 2C top view and fig. 2D three-dimensional view.

Page 3, four views of the middle key holder, fig. 3A side view, with two arrows and broken lines behind each notch illustrating the inward bend each key holder, notches can do. Fig. 3B front view, fig. 3C top view, and fig. 3D three-dimensional view.

Page 4, four views of the right key holder, fig. 4A side view, fig. 4B front view, fig. 4C top view, and fig. 4D three-dimensional view.

Page 5 A front view of all three key holder display with different set of keys in a organize category. Fig. 5A left key holder with home keys. Fig. 5B middle key holder with car key, and alarm pager. Fig. 5C right key holder with work keys.

Page 6 fig. 6A, a three dimensional view of the sheath, key housing and rigid lip with the six slots, three in the front, and three in the back. This drawing is to show how the slot are align, to better understand the locking method use for these key holders, detachable from it's sheath, or key housing.